Title (en)

TOOL FOR MANIPULATING A TUBULAR IN A DOWNHOLE ENVIRONMENT

Title (de)

WERKZEUG ZUR MANIPULATION EINES ROHRES IN EINER BOHRLOCHUMGEBUNG

Title (fr)

OUTIL DE MANIPULATION D'UN ÉLÉMENT TUBULAIRE DANS UN ENVIRONNEMENT DE FOND DE TROU

Publication

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Application

EP 20217283 A 20170518

Priority

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- GB 201609261 A 20160526
- GB 201609361 A 20160526
- EP 17732151 A 20170518
- GB 2017051390 W 20170518

Abstract (en)

A tool (10) for manipulating a tubular (12) in a downhole environment is described. The tool comprises a housing (24) defining a chamber (26), the chamber having at least one outlet (28), a propellant source (34) located within the chamber an ignition mechanism (46) for igniting the propellant source; and a control mechanism (52). Upon ignition of the propellant source (34), the propellant source is operable to deflagrate, creating at least one stream of combustion products, the chamber (26) directing the/each stream of combustion products through the/each outlet (28), towards the tubular (12) to be manipulated, at least one parameter of the/each stream of combustion products being changeable by the control mechanism (52).

IPC 8 full level

E21B 29/02 (2006.01)

CPC (source: EP GB US)

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Citation (search report)

- [XPY] WO 2016079512 A1 20160526 - SPEX ENGINEERING UK LTD [GB]
- [XPY] WO 2016166531 A2 20161020 - SPEX ENG (UK) LTD [GB]
- [XP] WO 2016139481 A1 20160909 - SPEX ENG (UK) LTD [GB]
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- [X] WO 2013066340 A1 20130510 - HALLIBURTON ENERGY SERV INC [US], et al
- [A] US 6076602 A 20000620 - GANO JOHN C [US], et al
- [A] WO 2010019252 A1 20100218 - ROBERTSON MICHAEL C [US]
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DOCDB simple family (publication)

WO 2017199037 A1 20171123; AU 2017265923 A1 20190117; AU 2017265923 B2 20220602; CA 3024572 A1 20171123; DK 3458674 T3 20210125; EP 3458674 A1 20190327; EP 3458674 B1 20201230; EP 3869001 A1 20210825; EP 3869001 B1 20230906; EP 3869001 C0 20230906; GB 201708005 D0 20170705; GB 2550691 A 20171129; GB 2550691 B 20190306; US 2019284892 A1 20190919

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